

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No.	15555-0032
		Named Inventor(s)	Hull, et al.
		Title	Slope Predictive Control and Digital PID Control for a Variable Temperature Control System
		Express Mail Label No.	EL 972592917 US
APPLICATION ELEMENTS		ADDRESS TO:	
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form <i>(Submit an original, and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification, Claims, and Abstract Total Pages 31</p> <p>4. <input checked="" type="checkbox"/> Drawings Total Sheets 5</p> <p>5. Oath or Declaration Total Pages a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 19 completed)</i> (i) <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input type="checkbox"/> Incorporation by Reference <i>(usable if Box 5b is checked)</i> The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p> <p>7. <input type="checkbox"/> Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i). <input type="checkbox"/> Form PTO/SB/35</p> <p>8. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> <p>9. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p>		<p>Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</p> <p>10. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statement verifying identity of above copies</p> <p>11. <input type="checkbox"/> Assignment: a. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) b. <input type="checkbox"/> Assignment is of record in parent application No.</p> <p>12. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <input type="checkbox"/> Power of Attorney by assignee</p> <p>13. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></p> <p>14. <input type="checkbox"/> Information Disclosure Statement (IDS) PTO- 1449 <input type="checkbox"/> Copies of IDS Citations (1 reference)</p> <p>15. <input type="checkbox"/> Preliminary Amendment</p> <p>16. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>17. <input type="checkbox"/> Certified Copy of Priority Document(s)</p> <p>18. <input checked="" type="checkbox"/> Other: The entire contents of application Serial Nos. 10/425,136 and 09/850,422 are hereby incorporated by reference.</p>	
<p>19. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information and in a preliminary amendment, or in an Application Date Sheet under 37 CFR 1.76:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input checked="" type="checkbox"/> Continuation-in-part (CIP) of prior application Nos: 10/425,136 and 09/850,422</p> <p>Prior application information: Examiner: William E. Wayner Group Art Unit: 3744</p> <p>Recite complete dependency back to first parent application: This application is a continuation-in-part of U.S. Serial No. 10/425,136 filed April 28, 2003, which is a continuation of U.S. Serial No. 09/850,422 filed May 7, 2001, now U.S. Patent No. 6,554,198.</p>			
<p>20. CORRESPONDENCE ADDRESS: Malvern U. Griffin III SUTHERLAND ASBILL & BRENNAN LLP 999 Peachtree Street, NE Atlanta, Georgia 30309-3996</p> <p>By: <u><i>Malvern U. Griffin III</i></u> Date: March 19, 2004 Telephone: 404-853-8000 Facsimile: 404-853-8233</p> <p style="text-align: right;">Reg. No. 38.899</p>			

I hereby certify that this correspondence is being deposited with the United States Postal Service in an Express Mail envelope (EL972592917US) addressed to: Mail Stop Patent Application, Commissioner for Patents, Alexandria, VA 22313-1450 this 19th day of March 2004.

Rebecca L. Smith
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FEE TRANSMITTAL

Attorney Docket No. 15555-0032

This sheet accompanies a patent application transmittal for the following application:

Inventor(s): Hull, et al.
 Filing Date: March 19, 2004
 Serial No.: Not Yet Assigned
 Title: Slope Predictive Control and Digital PID Control for a Variable Temperature Control System

The filing fee is calculated as shown below:

1. FILING FEE:

SMALL ENTITY			LARGE ENTITY	
FOR:	FEE	FEE PAID	FEE	FEE PAID
<input checked="" type="checkbox"/> UTILITY FILING FEE	\$385		\$770	\$770
<input type="checkbox"/> DESIGN FILING FEE	\$170		\$340	
<input type="checkbox"/> PLANT FILING FEE	\$265		\$530	
<input type="checkbox"/> REISSUE FILING FEE	\$385		\$770	
<input type="checkbox"/> PROVISIONAL FILING FEE	\$80		\$160	
SUBTOTAL (1)				\$770

2. CLAIMS:

SMALL ENTITY				LARGE ENTITY		
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
TOTAL CLAIMS	20 - 20 =	0	x 9 =		x 18 =	
INDEP. CLAIMS	4 - 3 =	0	x 42 =		x 84 =	\$84
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+140 =		+280 =	
SUBTOTAL ()						\$84

3. ADDITIONAL FEES:

SMALL ENTITY			LARGE ENTITY	
FOR:	FEE	FEE PAID	FEE	FEE PAID
<input type="checkbox"/> LATE FILING, FEE OR OATH	\$65		\$130	
<input type="checkbox"/> NON-ENGLISH SPECIFICATION	\$130		\$130	
<input type="checkbox"/> OTHER				
SUBTOTAL (3)				

TOTAL FILING FEES: \$854

Check is enclosed in the amount of: \$854

☒ Charge any additional fees required to Deposit Account 19-5029.

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